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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1

of

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Complete if Known

Application Number	Unassigned 10/693 441
Filing Date	October 24, 2003
First Named Inventor	Wohlstadter et al.
Art Unit	Unassigned 1641
Examiner Name	Unassigned C. Chin
Attorney Docket Number	100405-02274

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
u	AA	US-4,280,815	07-28-1981	Oberhardt, et al.	
↓	AB	US-4,652,533	03-24-1987	Jolley	
	AC	US-4,663,230	05-05-1987	Tennent	
	AD	US-4,826,759	05-02-1989	Guire, et al.	
	AE	US-4,891,321	01-02-1990	Hubscher	
	AF	US-5,061,445	10-29-1991	Zoski, et al.	
	AG	US-5,068,088	11-26-1991	Hall, et al.	
	AH	US-5,093,268	03-03-1992	Leventis, et al.	
	AI	US-5,098,771	03-24-1992	Friend	
	AJ	US-5,110,693	05-05-1992	Friend, et al.	
	AK	US-5,124,075	06-23-1992	Yasuda, et al.	
	AL	US-5,147,806	09-15-1992	Kamin, et al.	
	AM	US-5,165,909	11-24-1992	Tennent, et al.	
	AN	US-5,171,580	12-15-1992	Tennent	
	AO	US-5,189,549	02-23-1993	Leventis, et al.	
	AP	US-5,194,133	03-16-1993	Clark, et al.	
	AQ	US-5,221,605	06-22-1993	Bard, et al.	
	AR	US-5,238,808	08-24-1993	Bard, et al.	
	AS	US-5,240,863	08-31-1993	Shibue, et al.	
	AT	US-5,247,243	09-21-1993	Hall, et al.	
	AU	US-5,296,191	03-22-1994	Hall, et al.	
AV	US-5,304,326	04-19-1994	Goto, et al.		
AW	US-5,308,754	05-03-1994	Kankare, et al.		
AX	US-5,310,687	05-10-1994	Bard, et al.		
AY	US-5,324,457	06-28-1994	Zhang, et al.		
AZ	US-5,340,716	08-23-1994	Ullman, et al.		
AAA	US-5,418,171	05-23-1995	Kimura, et al.		
ABB	US-5,466,416	11-14-1995	Ghaed, et al.		
ACC	US-5,468,606	11-21-1995	Bogart, et al.		
ADD	US-5,492,840	02-20-1996	Malmqvist, et al.		
AEE	US-5,527,710	08-18-1996	Nacamulli, et al.		
AFF	US-5,591,581	01-07-1997	Massey, et al.		
AGG	US-5,632,957	05-27-1997	Heller, et al.		
↓	AHH	US-5,776,672	07-07-1998	Hashimoto, et al.	
u	All	US-6,413,783	07-02-2002	Wohlstadter, et al.	

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		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)					
u	BA	PCT	WO 90/05301		05-17-1990	Shah, H.P., et al.		
	BB	PCT	WO 90/14221		11-29-1990	Bening, R.C., et al.		
	BC	PCT	WO 92/14139		08-20-1992	Leland, J.K., et al.		
	BD	PCT	WO 96/06946		03-07-1996	Bard, A.J., et al.		
	BE	PCT	WO 96/39534		12-12-1992	Martin, M.		
	BF	EP	0 478 319 A1		04-01-1992	Hashimoto, K., et al.		
u	BG	EP	0 522 677 A1		01-13-1003	Shibue, A., et al.		

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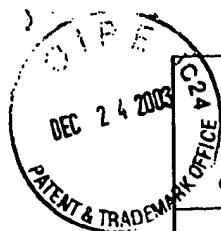
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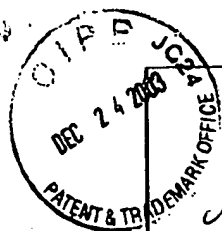
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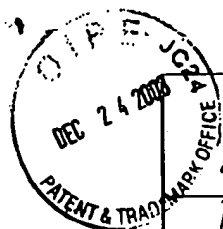
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
u	CA	Abbott, N.L. and Whitesides, G.M., "Potential-Dependent Wetting of Aqueous Solutions on Self-Assembled Monolayers Formed from 15-(Ferrocenylcarbonyl) pentadecanethiol on Gold," <i>Langmuir</i> 10(5): 1493-1497 (1994).	
	CB	Abbott, N.L., et al., "Manipulation of the Wettability of Surfaces on the 0.1 - to 1- Micrometer Scale Through Micromatching and Molecular Self-Assembly," <i>Science</i> 257: 1380-1382 (1992).	
	CC	Abbott, N.L., et al., "Using Micromachining, Molecular Self-Assembly, and Wet Etching to Fabricate 0.1-1µm-Scale Structures of Gold and Silicon," <i>Chem. Mater.</i> 6(5): 596-602 (1994).	
	CD	Adalsteinsson, O., et al., "Preparation and Magnetic Filtration of Polyacrylamide Gels Containing Covalently Immobilized Proteins and a Ferrofluid," <i>J. Mol. Catal.</i> 6(3): 199-225 (1979).	
	CE	Bain, C.D. and Whitesides, G.M., "Modeling Organic Surfaces with Self-Assembled Monolayers," <i>Angew. Chem.</i> 101(4): 522-528 (1989).	
	CF	Bains, W., "Setting a Sequence to Sequence a Sequence," <i>Bio/Technology</i> 10: 757-758 (1992).	
	CG	Chaudhury, M.K. and Whitesides, G.M., "Correlation Between Surface Free Energy and Surface Constitution," <i>Science</i> 255: 1230-1232 (1992).	
	CH	Chaudhury, M.K. and Whitesides, G.M., "How To Make Water Run Uphill," <i>Science</i> 256: 1539-1541 (1992).	
u	CI	Deaver, D.R., "A New Non-Isotopic Detection System for Immunoassays," <i>Nature</i> 377: 758-760 (1995).	



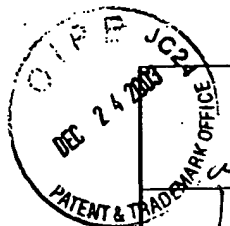
	CJ	DiMilla, P.A., <i>et al.</i> , "Wetting and Protein Adsorption of Self-Assembled Monolayers of Alkanethiolates Supported on Transparent Films of Gold," <i>J. Am. Chem. Soc.</i> 116(5): 2225-2226 (1994).	
	CK	Dresselhaus, M.S., Dresselhaus, G., and Eklund, P.C., <u>Science Of Fullerenes And Carbon Nanotubes</u> , Academic Press, San Diego, CA (1996).	
	CL	Ferguson, G.S., <i>et al.</i> , "Monolayers on Disordered Substrates: Self-Assembly of Alkyltrichlorosilanes on Surface-Modified Polyethylene and Poly(dimethylsiloxane)," <i>Macromolecules</i> 26: 5870-5875 (1993).	
	CM	Ferguson, G.S., <i>et al.</i> , "Contact Adhesion of Thin Gold Films on Elastomeric Supports: Cold Welding Under Ambient Conditions," <i>Science</i> 253: 776-778 (1991).	
	CN	Gershon, P.D. and Khilko, S., "Stable Chelating Linkage for Reversible Immobilization of Oligohistidine Tagged Proteins in the BIAcore Surface Plasmon Resonance Detector," <i>J. Immunol. Methods</i> 183: 65-76 (1995).	
	CO	Haapakka, K.E., "The Mechanism of the Cobalt(II)-Catalyzed Electrogenerated Chemiluminescence of Luminol in Aqueous Alkaline Solution," <i>Anal. Chim. Acta</i> 141: 263-268 (1982).	
	CP	Hickman, J.J., <i>et al.</i> , "Molecular Self-Assembly of Two-Terminal Voltametric Microsensors with Internal References," <i>Science</i> 252: 688-691 (1991).	
	CQ	<u>Hydrogels In Medicine And Pharmacy</u> , Vols. I-III. Peppas, N.A., Ed.. CRC Press: Boca Raton, Florida (1987).	
	CR	Itaya, K. and Bard, A.J., "Chemically Modified Polymer Electrodes: Synthetic Approach Employing Poly(methacryl chloride) Anchors," <i>Anal. Chem.</i> 50(11): 1487-1489 (1978).	
	CS	Kaneko, E., <u>Liquid Crystal TV Displays: Principles And Applicants Of Liquid Crystal Displays (Advances in Optoelectronics, No. 2)</u> . KTK Scientific Publishers, Tokyo; D. Reidel Publishing Co., Dordrecht. Chapter 2: 3-32 (1987).	
	CT	Kim, E., <i>et al.</i> , "Polymer Microstructures Formed by Moulding in Capillaries," <i>Nature</i> 376: 581-584 (1995).	
↓ u	CU	Knight, A.W. and Greenway, G.M., "Occurrence, Mechanisms and Analytical Applications of Electrogenerated Chemiluminescence," <i>Analyst</i> 119: 879-890 (1994).	



CV	Kumar, A. and Whitesides, G.M., "Features of Gold Having Micrometer to Centimeter Dimensions Can Be Formed Through a Combination of Stamping with an Elastomeric Stamp and an Alkanethiol 'Ink' Followed by Chemical Etching," <i>Appl. Phys. Lett.</i> 63(14): 2002-2004 (1993).	
CW	Kumar, A., <i>et al.</i> , "Patterning Self-Assembled Monolayers: Applications in Materials Science," <i>Langmuir</i> 10: 1498-1511 (1994).	
CX	Laibinis, P.E., <i>et al.</i> , "Orthogonal Self-Assembled Monolayers: Alkanethiols on Gold And Alkane Carboxylic Acids on Alumina," <i>Science</i> 245: 845-847 (1989).	
CY	Leland, J.K. and Powell, M.J., "Electrogenerated Chemiluminescence: An Oxidative-Reduction Type ECL Reaction Sequence Using Tripropyl Amine," <i>J. Electrochem. Soc.</i> 137: 3127-3131 (1990).	
CZ	Martin, A.F. and Nieman, T.A., "Glucose Quantitation Using an Immobilized Glucose Dehydrogenase Enzyme Reactor and a Tris(2,2'-bipyridyl)ruthenium (II) Chemiluminescent Sensor," <i>Anal. Chim. Acta</i> 281: 475-481 (1993).	
CAA	Martin, A.F. and Nieman, T.A., "Chemiluminescence Biosensors Using Tris (2,2'-bipyridyl)ruthenium(II) And Dehydrogenases Immobilized in Cation Exchange Polymers," <i>Biosensors & Bioelect.</i> 12(6): 479-489 (1997).	
CBB	<u>Methods in Enzymology. Volume 135. Immobilized Enzymes And Cells. Pt. B.</u> Mosbach, K., Ed. Academic Press: Orlando, Florida; Elsevier Applied Science: London (1987).	
CCC	<u>Methods in Enzymology. Volume 136. Immobilized Enzymes And Cells. Pt. C.</u> Mosbach, K., Ed. Academic Press: Orlando, Florida; Elsevier Applied Science: London (1987).	
CDD	Nielsen, P.E., "DNA Analogues with Nonphosphodiester Backbones," <i>Ann. Rev. Biophys. Biomol. Struct.</i> 24: 167-183 (1995).	
CEE	Obeng, Y.S. and Bard, A.J., "Electrogenerated Chemiluminescence. 53. Electrochemistry and Emission from Adsorbed Monolayers of a Tris(bipyridyl)ruthenium(II)-Based Surfactant on Gold and Tin Oxide Electrodes," <i>Langmuir</i> 7(1): 195-201 (1991).	
CFF	Olah, G.A., <i>et al.</i> , "Polymer Films on Electrodes. 4. Nafion-Coated Electrodes and Electrogenerated Chemiluminescence of Surface-Attached Ru(bpy) ₃ ²⁺ ," <i>J. Am. Chem. Soc.</i> 102: 6641-6642 (1980).	
CGG	Pale-Grosdemange, C., <i>et al.</i> , "Formation of Self-Assembled Monolayers by Chemisorption of Derivatives of Oligo (ethylene glycol) of Structure HS(CH ₂) ₁₁ (OCH ₂ CH ₂) _m OH on Gold," <i>J. Am. Chem. Soc.</i> 113(1): 12-20 (1991).	



CHH	Pollack, A., <i>et al.</i> , "Enzyme Immobilization by Condensation Copolymerization into Cross-Linked Polyacrylamide Gels," <i>J. Am. Chem. Soc.</i> 102(20): 6324-6336 (1980).	
CH	<u>Poly(ethylene Glycol) Chemistry: Biotechnical and Biomedical Applications</u> , Harris, J.M., Ed. Plenum Press: New York (1992).	
CJJ	<u>Polymer Applications For Biotechnology: Macromolecular Separation And Identification</u> . Soane, D.S., Ed. Prentice Hall: Englewood Cliffs, N.J. (1992).	
CKK	Prime, K.L., and Whitesides, G.M., "Adsorption of Proteins onto Surfaces Containing End-Attached Oligo (ethylene oxide): A Model System Using Self-Assembled Monolayers," <i>J. Am. Chem. Soc.</i> 115(23): 10714-10721 (1993).	
CLL	Prime, K.L. and Whitesides, G.M., "Self-Assembled Organic Monolayers: Model Systems for Studying Adsorption of Proteins at Surfaces," <i>Science</i> 252: 1164-1167 (1991).	
CMM	Rubinstein, I. and Bard, A.J., Polymer Films on Electrodes. 4. Nafion-Coated Electrodes and Electrogenated Chemiluminescence of Surface-Attached Ru(bpy) ₃ ²⁺ , <i>J. Am. Chem. Soc.</i> 102: 6641-6642 (1980).	
CNN	Rubinstein, I. and Bard, A.J., "Polymer Films on Electrodes. 5. Electrochemistry and Chemiluminescence at Nafion-Coated Electrodes," <i>J. Am. Chem. Soc.</i> 103(17): 5007-5013 (1981).	
COO	Sassenfeld, H.M., "Engineering Proteins for Purification," <i>TIBTECH</i> 8: 88-93 (1990).	
CPP	<u>Solid Phase Biochemistry: Analytical And Synthetic Aspects</u> . Scouten, W.H., Ed. J. Wiley & Sons, NY (1993).	
CQQ	Spinke, J., <i>et al.</i> , "Molecular Recognition at Self-Assembled Monolayers: Optimization of Surface Functionalization," <i>J. Chem. Phys.</i> 99(9): 7012-7019 (1993).	
CRR	Spinke, J., <i>et al.</i> , "Molecular Recognition at Self-Assembled Monolayers: The Construction of Multicomponent Multilayers," <i>Langmuir</i> 9(7): 1821-1825 (1993).	
CSS	Strezoska, Z., <i>et al.</i> , "DNA Sequencing by Hybridization: 100 Bases Read by a Non-Gel-Based Method," <i>Proc. Natl. Acad. Sci. USA</i> 88: 10089-10093 (1991).	
CTT	Sundberg, S.A., <i>et al.</i> , "Spatially-Addressable Immobilization of Macromolecules on Solid Supports," <i>J. Am. Chem. Soc.</i> 117(49): 12050-12057 (1995).	
CUU	Tampion, J. and Tampion, M.D., <u>Immobilized Cells: Principles And Applications</u> . Cambridge Univ. Press, Cambridge, U.K. (1987).	



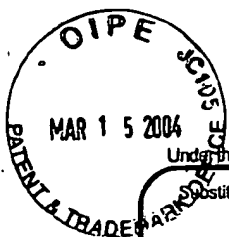
	CVV	Wilbur, J.L., <i>et al.</i> , "Scanning Force Microscopies Can Image Patterned Self-Assembled Monolayers," <i>Langmuir</i> 11(3): 825-831 (1995).	
	CWW	Wilson, R., <i>et al.</i> , "Electrochemiluminescence Detection of Glucose Oxidase as a Model for Flow Injection Immunoassays," <i>Biosensors & Bioelec.</i> 11(8): 805-810 (1996).	
	CXX	Xu, X.-H. and Bard, A.J., "Electrogenerated Chemiluminescence. 55. Emission from Adsorbed Ru(bpy) ₃ ²⁺ on Graphite, Platinum, and Gold," <i>Langmuir</i> 10(7): 2409-2414 (1994).	
	CYY	Xu, X.-H., <i>et al.</i> , "Immobilization of DNA on an Aluminum (III) Alkanebisphosphonate Thin Film with Electrogenerated Chemiluminescent Detection," <i>J. Am. Chem. Soc.</i> 116(18): 8386-8387 (1994).	
	CZZ	Yang, H., <i>et al.</i> , "Electrochemiluminescence: A New Diagnostic and Research Tool," <i>Bio/Technology</i> 12: 193-194 (1994).	
✓ c	CAAA	Zhang, X. and Bard, A.J., "Electrogenerated Chemiluminescent Emission from an Organized (L-B) Monolayer of a Ru(bpy) ₃ ²⁺ -Based Surfactant on Semiconductor and Metal Electrodes", <i>J. Phys. Chem.</i> 92(2): 5566-5569 (1988).	

Examiner Signature	<i>e. el.</i>	Date Considered	6/17/05
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u	AL	US-6,207,369	03-27-2001	Wohlstadter, et al.	

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